

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	("20010030590"   "6251196"   "6444328").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 12:11
S2	0	"20010030590,6251196,6444328"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 12:11
S3	0	"6251196,6444328"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 12:12
S4	2	"6251196"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 12:12
S5	3	"6444328"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 12:14
S6	135751	(fe iron ferrous metal) and magnetic and particle	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 12:16
S7	97459	S6 and (film layer)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 12:17
S8	996	S7 and non\$1ferrous	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 12:18
S9	388	S8 and insulat\$3	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 12:19

S10	388	S9 and non\$1ferrous	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 15:44
S11	135751	(fe iron ferrous metal) and magnetic and particle	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 17:45
S12	97459	S11 and (film layer)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 15:44
S13	996	S12 and non\$1ferrous	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 15:44
S14	388	S13 and insulat\$3	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 15:44
S15	388	S14 and non\$1ferrous	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 15:44
S16	277	S15 and thickness	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 17:42
S17	2	S16 and dust adj core	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 16:39
S18	67410	maeda.in.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 16:39
S19	28	S18 and dust adj core	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 16:40
S20	0	S16 and "10"\$2nm	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 17:42

S21	611552	S16 and "10"\$2 nm	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 17:43
S22	32	S16 and nm	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 17:43
S23	32	S11 and S22	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 17:45
S24	47530	S11 and nm	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 17:45
S25	25984	S24 and thickness	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 17:46
S26	27	S25 and dust adj core	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/23 17:46
S27	1	"10562798"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/07 16:33
S28	150400	(fe iron ferrous metal) and magnetic and particle	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 10:47
S29	150400	(fe iron ferrous metal) and magnetic and particle	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 10:48
S30	108355	S29 and (film layer)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 10:48
S31	108355	S28 and (film layer)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 10:48

S32	1082	S31 and non\$1ferrous	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 10:48
S33	417	S32 and insulat\$3	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 10:48
S34	417	S33 and non\$1ferrous	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 10:48
S35	302	S34 and thickness	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 10:48
S36	55227	S28 and nm	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 10:50
S37	30190	S36 and thickness	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 10:50
S38	31	S37 and dust adj core	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/11 10:50
S39	1	"10562798"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/07/23 13:22
S40	1	"10562798"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/14 15:20
S41	156833	(fe iron ferrous metal) and magnetic and particle	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/09/14 15:42
S42	113441	S41 and (film layer)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/09/14 15:42

S43	1120	S42 and non\$1ferrous	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/09/14 15:42
S44	430	S43 and insulat\$3	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/09/14 15:42
S45	430	S44 and non\$1ferrous	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/09/14 15:42
S46	313	S45 and thickness	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/09/14 15:42
S47	2	S46 and dust adj core	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/09/14 15:43
S48	1	"10562798"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/03/03 10:43
S49	0	S48 and lower with layer	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/03/03 11:02
S50	1	S48 and lower with (silicon, titanium, vanadium, si, ti, v)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/03/03 11:02
S51	1	S50 and metal adj magnetic adj particle	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/03/03 11:08
S52	1	S50 and (metal adj magnetic adj particle) same alloy	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/03/03 11:08
S53	1	S50 and nonferrous	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/03/03 11:11

S54	1	(US-5935722-\$).did.	USPAT	OR	ON	2009/03/03 11:27
S55	0	S54 and surround	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/03 11:27
S56	1	S54 and layer with oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/03 11:28
S57	1	S54 and layer with ceramic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/03 11:39
S58	1	S50 and metal adj magnetic adj particle with alloy	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/03/03 11:54
S59	1	(US-4919734-\$).did.	USPAT	OR	ON	2009/03/03 13:49
S60	0	S59 and thickness with oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/03 13:50
S61	0	S59 and thickness same oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/03 13:50
S62	1	S59 and thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/03 13:50
S63	2991040	(magnetic with particle with (al, si, ti, v ni, aluminum, cr, chromium, silicon, titanium, vanadium, nickel) adj "5" layer).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 10:17
S64	1	(magnetic with particle with (al, aluminum) and (si, silicon) and (titanium, ti) and (vanadium, v) and (nickel, ni) and (cr, chromium) ADJ (coating, layer)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 10:20

S65	1	(magnetic with particle with (al, aluminum) and (si, silicon) and (titanium, ti) and (vanadium, v) and (nickel, ni) and (cr, chromium) ADJ5 (coating, layer)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 10:23
S66	1715375	(magnetic with particle with (al, aluminum)(si, silicon)(titanium, ti)(vanadium, v)(nickel, ni)(cr, chromium) ADJ5 (coating, layer)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 10:28
S67	1714965	(magnetic adj particle with (al, aluminum)(si, silicon)(titanium, ti)(vanadium, v)(nickel, ni)(cr, chromium) ADJ5 (coating, layer)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 10:29
S68	53	(magnetic adj particle with ((al, aluminum)(si, silicon)(titanium, ti)(vanadium, v)(nickel, ni)(cr, chromium)) ADJ5 (coating, layer)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 10:29
S69	16	S68 and (fe, iron).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 10:30
S70	21	S68 and (fe, iron)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 10:31
S71	10	S70 and (phosphorous, aluminum, silicon aluminum zirconium titanium, ti, zr, si, al, p) with (salt, compound, powder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 10:33
S72	5	S71 and thickness with nm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 10:34
S73	1	"10562798"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 10:36
S74	2	S72 and soft same magnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 10:38

S75	5	S68 and soft same magnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 10:38
S76	3	S75 and (iron adj phosphate, manganese adj phosphate, zinc adj phosphate, calcium adj phosphate, aluminum adj phosphate, silicon adj oxide, titanium adj oxide, aluminum adj oxide, zirconium adj oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 10:51
S77	7	S71 and (iron adj phosphate, manganese adj phosphate, zinc adj phosphate, calcium adj phosphate, aluminum adj phosphate, silicon adj oxide, titanium adj oxide, aluminum adj oxide, zirconium adj oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 10:52
S78	13	S68 and (iron adj phosphate, manganese adj phosphate, zinc adj phosphate, calcium adj phosphate, aluminum adj phosphate, silicon adj oxide, titanium adj oxide, aluminum adj oxide, zirconium adj oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:30
S79	171371	S67 and (iron adj phosphate, manganese adj phosphate, zinc adj phosphate, calcium adj phosphate, aluminum adj phosphate, silicon adj oxide, titanium adj oxide, aluminum adj oxide, zirconium adj oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:32
S80	171404	S79 (iron, fe) with particle with (aluminum, al) adj (layer, coating)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:33
S81	171376	S79 ((iron, fe) with particle with (aluminum, al) adj (layer, coating)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:34
S82	171372	S79 ((iron, fe) adj particle with (aluminum, al) adj (layer, coating)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:34



S83	171372	S79 (((iron, fe) adj particle) with (aluminum, al) adj (layer, coating)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:35
S84	171371	S83 and (iron adj phosphate, manganese adj phosphate, zinc adj phosphate, calcium adj phosphate, aluminum adj phosphate, silicon adj oxide, titanium adj oxide, aluminum adj oxide, zirconium adj oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:35
S85	0	S84 and (magnetic with particle with (al, aluminum) and (si, silicon) and (titanium, ti) and (vanadium, v) and (nickel, ni) and (cr, chromium) ADJ3 (coating, layer)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:36
S86	5	S84 and (magnetic with particle with (al, aluminum) and (si, silicon) and (titanium, ti) and (vanadium, v) and (nickel, ni) and (cr, chromium) ADJ3 (coating, layer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:37
S87	15236	S84 and thickness with nm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:38
S88	787	S87 and particle with coating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:39
S89	210	S87 and particle with coating same (aluminum, al)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:40
S90	0	S89 and (magnetic with particle with (al, aluminum) and (si, silicon) and (titanium, ti) and (vanadium, v) and (nickel, ni) and (cr, chromium) ADJ3 (coating, layer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:41
S91	19	S89 and (magnetic with ((al, aluminum)(si, silicon)(titanium, ti)(vanadium, v)(nickel, ni)(cr, chromium)) ADJ3 (coating, layer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:43

S92	171375	S79 ((iron, fe) adj (powder, particle) with (aluminum, al) adj (layer, coating)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:48
S93	15236	S92 and thickness with nm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:48
S94	787	S93 and particle with coating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:48
S95	210	S94 and particle with coating same (aluminum, al)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:49
S96	17	S89 and (magnetic with particle same ((al, aluminum)(si, silicon)(titanium, ti)(vanadium, v) (nickel, ni)(cr, chromium)) ADJ3 (coating, layer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:49
S97	238	((iron, fe, magnetic) with (powder, particle) same ((al, aluminum)(si, silicon)(titanium, ti) (vanadium, v) (nickel, ni)(cr, chromium)) ADJ (coating, layer)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:52
S98	17	S97 and (iron adj phosphate, manganese adj phosphate, zinc adj phosphate, calcium adj phosphate, aluminum adj phosphate, silicon adj oxide, titanium adj oxide, aluminum adj oxide, zirconium adj oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 11:53
S99	2	"20040126609"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 12:02
S100	1	(US-20040126609- $\S$ ).did.	US-PGPUB	OR	ON	2009/03/09 14:36
S101	1	S100 and (Fe, iron) with (particle, powder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 14:37

S102	1	S100 and (Fe, iron) with (particle, powder) with (al, aluminum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 14:41
S103	0	S100 and thickness with nm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 14:49
S104	0	S100 and fe with thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 14:50
S105	0	S100 and thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 14:50
S106	1	S100 and nm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 14:50
S107	1	S100 and (iron adj phosphate, manganese adj phosphate, zinc adj phosphate, calcium adj phosphate, aluminum adj phosphate, silicon adj oxide, titanium adj oxide, aluminum adj oxide, zirconium adj oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 14:54
S108	0	S100 and dust adj core	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 15:20
S109	1	S100 and core	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 15:21
S110	10	(US-6149704-\$ or US-4919734-\$ or US-6063209-\$ or US-6251196-\$ or US-6617044-\$ or US-5935722-\$ or US-6444328-\$).did. or (JP-2005223259-\$).did. or (EP-984460-\$ or US-20040126609-\$).did.	USPAT; JPO; DERWENT	OR	ON	2009/03/09 15:51
S111	0	S109 and thickness with oxide with nm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 15:52

S112	0	S109 and thickness with nm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 15:52
S113	1	S110 and thickness with nm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 15:52
S114	0	S109 and thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 15:53
S115	8	S110 and thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 15:53
S116	17	(US-20090042064-\$ or US-20070235109-\$ or US-20050170214-\$ or US-20020115012-\$ or US-20020098438-\$).did. or (US-6645688-\$ or US-6576387-\$ or US-6458452-\$ or US-6248437-\$ or US-6136428-\$ or US-6120898-\$ or US-6063490-\$ or US-6054201-\$ or US-6042937-\$ or US-5965194-\$ or US-4689260-\$).did. or (US-20050181202-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/03/09 16:02
S117	17	S116 and thickness with nm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 16:02
S118	2	"20030027018"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 16:03
S119	1	(US-20030027018-\$).did.	US-PGPUB	OR	ON	2009/03/09 16:04
S120	1	S119 and thickness with nm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 16:04
S121	2	"7285329"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 16:09

S122	1	(US-7285329-\$).did.	USPAT	OR	ON	2009/03/09 16:10
S123	1	S122 and thickness with nm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/09 16:11
S124	1	"10562798"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/10 09:22
S125	1	(US-7285329-\$).did.	USPAT	OR	ON	2009/03/10 09:40
S126	1	S125 and thickness with nm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/10 09:40
S127	1	S125 and (silicon, aluminum, zirconium, titanium)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/10 09:41

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